

sexual pleasure vibrator
technology:

It is possible that other kinds of acoustics cause a wave overlap per unit time that causes greater intensity of sensation for a given amount of motor vibration; the benefit of this is that if the sensation from a particular vibration form overlap is twice as strong, and pleasurable

to the person using the vibrator with the same amount of energy then you can use half the amount of energy and the batteries last twice as long; compare the strumming frequency of fingering to orgasm, which at erotic video looks like 2-3 major wiggles/second superimposed on the basic waveform of the (very successful at erotic

video Hitachi Magic Wand), so it the wand head could strum 1-2-3 cm wide 3 times a second while also vibrating

similarly, instead of simple sinusoidal waves ~~~, other PQRS waveforms like, if you were going to engineer it, find the three highest rated sexual pleasure vibrators on amazon,

record their waveforms,
then superimpose them;
change the amplitude
(volume) of each at a
separate channel on the
research test vibrators;

alternatively have a
vibrator element that can
handle a really wide
vibrational frequency
range, then have a phone
app that has settings for
the 11 most highly rated
sexual pleasure vibrators

at amazon; make sure the vibrational element can do that frequency range, and verify that it is as pleasureable as the originals; then have the phone app be able to remix the top 11 vibrator frequencies to find, quite possibly, even more pleasureable combined stimulations.

Since it is a phone app, the IoT bluetooth wifi

sexual pleasure vibrator can tell the internet at a crowdsourced site, which new frequencies are even more pleasurable than the top 11 vibrators at amazon, as their functionalikes. If enough people use it, then genetic algorithms and deep learning AI can make up new highly likely to be even more pleasurable vibrations from a sample of just 1-

10K (and the sample size is likely to be much larger than that).

Bullet vibrators on alibaba are 25-29 cents, but a piezoelectric speaker with two wire leads is 1 cent.

Subwoofers at alibaba are 50-85 cents, with a frequency range of 20Hz—200Hz;

It is better to make the

new piezo-spheroidal or
piezo-coated-
breadstick .1Hz-20k Hz
vibrating element, but I
do not know if Piezo can
go below 100Hz. sexual
pleasure vibrator

So the alibaba range is 1
cent to 76 cents (Piezo
element + Bullet
vibrator+subwoofer);
alibaba range 1-10 cents
if the Spheroidal piezo
element and the

breadstick piezoelement
are easy to make.

Notably, with a piezo
element, it does not have
to be flat and directional
if it is reengineered; a
piezo ceramic coating
could be produced on a
spheroidal, or even
breadstick (long
vibrations; possible
vaginal insertion activity)
shape at a sexual
pleasure vibrator;

Note, the internet says of piezoelectric speakers, “little energy required at low frequencies” suggesting that reengineering the piezoelectric speaker to do .1-200Hz, and thus also make the .1Hz - 20,000 Hz sexual pleasure vibrator functional would make sexual pleasure vibrators last longer per battery fill

up.

Dancing solar flower
magnetics: alternate
magnetic windings
make .1-10Hz look good;
The “dancing solar
flowers” I have seen
seem to have a 1-3 Hz
frequency, and a 3D
autoorbital pattern of
actuated motion; so, a
100 Hz and up
piezoelectric combined
with a 1-100 Hz dancing

flower winding, but stronger power could vibrate from 1Hz-20K Hz; also for frequencies .1-1 Hz, that could just be switching the dancing flower to “thump on the side” mode anything from once every 10 seconds to once per second;

Another item that benefits the energy efficiency and battery life

of sexual pleasure
vibrators is the possible
use of acoustic lenses;
Perhaps something
internal to the vibrator
and possibly fresnel
made out of plastic could
focus vibrations onto
superactive spots on the
surface of the vibrator,

At a Wand vibrator,
where the ergonomically
easy to use or not-use
3/4 of the way up the

head has an acoustic lens at it internally; right at that spot it would be like the vibrator was turned up to High, or if already on high, it goes to 11 (higher), but is easy to skip using if not preferred.

An alternative to a lens is the very simple idea of putting a vibrator inside a vibrator; some bullet vibrators are about the

size of the Hitachi Magic wand's head, so it could be just like a regular hitachi magic wand, but with the option of turning on the embedded bullet vibrator in the head; also as a manufactured item it is likely the bullet could be 1/2-1/4 its usual package size when contained at the head of a wand vibrator; Also, if you run magic wand at half power, and bullet

vibrator at half power,
you get full power of
vibration for sexual
stimulation, but with a
much wider,
customizable frequency
range, as previously
mentioned.

Some 2020 people on
amazon preferred
powerful but very quiet
sexual pleasure vibrators;
GA; GA breadstick and
spheroid;

There is an outside possibility that a VGA camera (10c), and piezospeakers (1-10 cents; dollar store headphones, but more powerful) could dynamically air at the users head area to do active noise cancellation; some active noise cancellation is possible without Cm resolution; the Bose system (RNC) for automotive vehicles

makes the entire car cabin quiet without aiming for the ears; Aiming for the ears is more energy efficient though, and 10 (alibaba) cents of VGA (2020) camera and 2-10 (alibaba) cents of piezoelectric speakers, and the IC in noise cancelling headphones (25 cents) (or, a big IC, \$.01-\$1) could do it.

one person on amazon
complained her vibrator
“Add pressure and it
loses power” which
suggests that an
improvement to sexual
pleasure vibrators is a 1c
CPU/micorcontroller that
maintains not just
constant current and
voltage, but, sensing (at
the power output
winding) (3 wires not 2)
the kinds of things that
happen to a piezo

element, motor/linear actuator, dancing flower or subwoofer when you hold it firmly variously slight, mostly, or completely still (voltage ripple and voltage non-ripple at the winding); Then when you pressed it against yourself the output would remain high and uniform.

One version:

solar flower (.1-20Hz 15c
Quadrupled for stronger
wire 60c, 50c 20-200 Hz
subwoofer, 200-20KHz
piezo vibrating element,
50 c noise cancelling
chip, 10 1c piezo
antispeakers for noise
cancellation,

Or the cheap way:
15c quadrupled winding
dancing flower, 60c
25 cent bullet vibrator
2*10c custom breadstick

or spheroid piezo speaker
25 cent noise cancelling
headphones
10 IoT module
bluetooth/phone
\$1.40
.1-20,000 Hz App driven
noise cancelled vibrator
with superimposable
frequencies for greater
sexual pleasure.

